

L Number	Hits	Search Text	DB	Time stamp
4	2	("3970133" "5756590").PN.	USPAT	2004/04/23 07:02
5	2	6235849.URPN.	USPAT	2004/04/23 07:03
9	0	6420503.URPN.	USPAT	2004/04/23 07:03
10	3	("5756590" "5929181" "6008306").PN.	USPAT	2004/04/23 07:03
14	1	4713489.URPN.	USPAT	2004/04/23 07:03
15	5	("2186262" "2658916" "2757156" "3246007" "4378444").PN.	USPAT	2004/04/23 07:03
19	26	4251276.URPN.	USPAT	2004/04/23 07:03
20	14	("2499004" "2545125" "2989493" "3080954" "3282709" "3330791" "3639313" "3719261" "3857470" "3900436" "3914195" "3957495" "3995729" "4066585").PN.	USPAT	2004/04/23 07:04
27	6	4081278.URPN.	USPAT	2004/04/23 07:04
28	4	("1517049" "3734733" "3788849" "3801321").PN.	USPAT	2004/04/23 07:04
32	15	("2699392" "2703756" "2908572" "2923703" "3032414" "3208850" "3260599" "3355295" "3383213" "3620743" "3622335" "3622336" "3759711" "3890152" "3929489").PN.	USPAT	2004/04/23 07:05
33	7	4032344.URPN.	USPAT	2004/04/23 07:05
37	1	3929742.URPN.	USPAT	2004/04/23 07:05
38	4	("3371073" "3579475" "3696092" "3709844").PN.	USPAT	2004/04/23 07:05
41	1	3153020.URPN.	USPAT	2004/04/23 07:05
44	0	2808394.URPN.	USPAT	2004/04/23 07:05
47	0	2667468.URPN.	USPAT	2004/04/23 07:05
48	90	((("3970133" "5756590").PN.) 6235849.URPN. ((("5756590" "5929181" "6008306").PN.) 4713489.URPN. ((("2186262" "2658916" "2757156" "3246007" "4378444").PN.) 4251276.URPN. ((("2499004" "2545125" "2989493" "3080954" "3282709" "3330791" "3639313" "3719261" "3857470" "3900436" "3914195" "3957495" "3995729" "4066585").PN.) 4081278.URPN. ((("1517049" "3734733" "3788849" "3801321").PN.) ((("2699392" "2703756" "2908572" "2923703" "3032414" "3208850" "3260599" "3355295" "3383213" "3620743" "3622335" "3622336" "3759711" "3890152" "3929489").PN.) 4032344.URPN. 3929742.URPN. ((("3371073" "3579475" "3696092" "3709844").PN.) 3153020.URPN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/23 07:06
49	9	4247625.URPN.	USPAT	2004/04/23 07:22
50	14	("2310943" "3012886" "3102811" "3161511" "3260599" "3383213" "3408192" "3502476" "3515547" "3615475" "3677760" "4032344" "4075019" "4107155").PN.	USPAT	2004/04/23 07:22
51	3	4107155.URPN.	USPAT	2004/04/23 07:26
52	3	("3574739" "3776890" "4032344").PN.	USPAT	2004/04/23 07:26
55	6	3929742.pn. 3371073.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/23 07:47
56	2	3371073.URPN.	USPAT	2004/04/23 07:47
59	166	ink and pigment and polysulfonamide	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/23 08:00
60	4	ink same pigment same polysulfonamide	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/23 08:00
61	4	528/391,422;523/160,161;106/31.13,31.6,31.87;524/609.ccls. and (ink and pigment and polysulfonamide)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/23 08:01
70	64	((aryl paratoluene toluene phenyl tolyl)) same (((polymer polymeric) near sulfonamide) polysulfonamide)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/23 08:34
71	7272	((((aryl paratoluene toluene phenyl tolyl)) same (((polymer polymeric) near sulfonamide) polysulfonamide)) ande (((polymeric polyether polyalkyleneoxide polyoxyalkylene) near amine) jeffamine)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/23 08:35

72	1	(((aryl paratoluene toluene phenyl tolyl)) same (((polymer polymeric) near sulfonamide) polysulfonamide)) and (((polymeric polyether polyalkyleneoxide polyoxyalkylene) near amine) jeffamine)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/23 08:36
73	1	(((aryl paratoluene toluene phenyl tolyl)) same (((polymer polymeric) near sulfonamide) polysulfonamide)) and (((polymeric polyether polyalkyleneoxide polyoxyalkylene (polyethylene near oxide) polyethyleneoxide) near (diamine amine)) jeffamine)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/23 08:37
84	2	5759369.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/23 08:58
85	2	wo-9729778-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/23 08:59
-	2	polymeric near aryl near sulfonamide	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/22 13:38
-	50	((aryl paratoluene phenyl tolyl) near sulfonamide) same (polymer polymeric)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/22 15:04
-	48	(((aryl paratoluene phenyl tolyl) near sulfonamide) same (polymer polymeric)) not (polymeric near aryl near sulfonamide)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/22 13:41
-	274	((aryl paratoluene phenyl tolyl toluene) near sulfonamide) same (polymer polymeric)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/22 14:50
-	533	((aryl paratoluene phenyl tolyl) near sulfonyl) same (amine diamine polyamine)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/22 13:59
-	32	(((aryl paratoluene phenyl tolyl) near sulfonyl) same (amine diamine polyamine)) same ((acid near acceptor) (sodium near carbonate))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/22 14:00
-	30	(((aryl paratoluene phenyl tolyl) near sulfonyl) same (amine diamine polyamine)) same ((acid near acceptor) (sodium near carbonate))) not (((aryl paratoluene phenyl tolyl) near sulfonamide) same (polymer polymeric))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/22 14:00
-	4152	528/391,422;523/160,161;106/31.13,31.6,31.87;524/609.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/23 08:01
-	4	(((aryl paratoluene phenyl tolyl) near sulfonyl) same (amine diamine polyamine)) and 528/391,422;523/160,161;106/31.13,31.6,31.87;524/609.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/22 14:25
-	7	(((aryl paratoluene phenyl tolyl toluene) near sulfonamide) same (polymer polymeric)) and 528/391,422;523/160,161;106/31.13,31.6,31.87;524/609.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/22 14:26
-	6	(((aryl paratoluene phenyl tolyl toluene) near sulfonamide) same (polymer polymeric)) and 528/391,422;523/160,161;106/31.13,31.6,31.87;524/609.ccls.) not (((aryl paratoluene phenyl tolyl) near sulfonyl) same (amine diamine polyamine)) and 528/391,422;523/160,161;106/31.13,31.6,31.87;524/609.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/22 14:26
-	0	phenyl near sulfonamide	IBM_TDB	2004/04/22 14:36

-	115441	IBM near technical near disclosure	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/22 14:46
-	105	(IBM near technical near disclosure) and sulfonamide	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/22 14:37
-	82505	IBM near technical near disclosure	IBM_TDB	2004/04/22 14:46
-	2	(IBM near technical near disclosure) and sulfonamide	IBM_TDB	2004/04/22 14:46
-	44	((paratoluene toluene) near sulfonyl) same (jeffamine polyamine diamine polyamine monoamine triamine)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/22 15:37
-	2	((paratoluene toluene) near sulfonyl) same (jeffamine polyamine diamine polyamine monoamine triamine)) same (sodium near carbonate)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/22 14:53
-	1	((paratoluene toluene) near sulfonyl) same (jeffamine polyamine diamine polyamine monoamine triamine)) same (sodium near carbonate)) not (polymeric near aryl near sulfonamide)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/22 14:56
-	40	((paratoluene toluene) near sulfonyl) same (jeffamine polyamine diamine polyamine monoamine triamine)) not (((aryl paratoluene phenyl tolyl) near sulfonamide) same (polymer polymeric)) (((aryl paratoluene phenyl tolyl) near sulfonyl) same (amine diamine polyamine)) same ((acid near acceptor) (sodium near carbonate))) (((aryl paratoluene phenyl tolyl) near sulfonyl) same (amine diamine polyamine)) and 528/391,422;523/160,161;106/31.13,31.6,31.87;524/609.ccls.) (((aryl paratoluene phenyl tolyl toluene) near sulfonamide) same (polymer polymeric)) and 528/391,422;523/160,161;106/31.13,31.6,31.87;524/609.ccls.) ((IBM near technical near disclosure) and sulfonamide) (((paratoluene toluene) near sulfonyl) same (jeffamine polyamine diamine polyamine monoamine triamine)) same (sodium near carbonate)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/22 15:05
-	44	((aryl paratoluene phenyl tolyl)) same (((polymer polymeric) near sulfonamide) polysulfonamide)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/22 15:31
-	64	((aryl paratoluene toluene phenyl tolyl)) same (((polymer polymeric) near sulfonamide) polysulfonamide)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/23 08:34
-	57	((aryl paratoluene toluene phenyl tolyl)) same (((polymer polymeric) near sulfonamide) polysulfonamide)) not (((aryl paratoluene phenyl tolyl) near sulfonamide) same (polymer polymeric)) (((aryl paratoluene phenyl tolyl) near sulfonyl) same (amine diamine polyamine)) same ((acid near acceptor) (sodium near carbonate))) (((aryl paratoluene phenyl tolyl) near sulfonyl) same (amine diamine polyamine)) and 528/391,422;523/160,161;106/31.13,31.6,31.87;524/609.ccls.) (((aryl paratoluene phenyl tolyl toluene) near sulfonamide) same (polymer polymeric)) and 528/391,422;523/160,161;106/31.13,31.6,31.87;524/609.ccls.) ((IBM near technical near disclosure) and sulfonamide) (((paratoluene toluene) near sulfonyl) same (jeffamine polyamine diamine polyamine monoamine triamine)) (((paratoluene toluene) near sulfonyl) same (jeffamine polyamine diamine polyamine monoamine triamine)) same (sodium near carbonate)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/22 15:05
-	34	((aryl paratoluene phenyl tolyl)) same (((polymer polymeric) near sulfonamide) polysulfonamide)	USOCR	2004/04/22 15:31

-	47	(tosyl near chloride) same (jeffamine polyamine diamine polyamine monoamine triamine)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/22 15:38
-	10	((tosyl near chloride) same (jeffamine polyamine diamine polyamine monoamine triamine)) and (sulfonamide polysulfonamide)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/22 15:38

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NEWS 8 MAR 03 FRANCEPAT now available on STN
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NEWS 11 MAR 29 No connect hour charges in WPIFV until May 1, 2004
NEWS 12 MAR 29 New monthly current-awareness alert (SDI) frequency in RAPRA

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AND CURRENT DISCOVER FILE IS DATED 13 APRIL 2004
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FILE COVERS 1907 - 23 Apr 2004 VOL 140 ISS 18
FILE LAST UPDATED: 22 Apr 2004 (20040422/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s polysulfonamide

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          327 POLYSULFONAMIDE
          374 POLYSULFONAMIDES
L1        486 POLYSULFONAMIDE
          (POLYSULFONAMIDE OR POLYSULFONAMIDES)

```

=> s jeffamine

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          2082 JEFFAMINE
          51 JEFFAMINES
L2        2094 JEFFAMINE
          (JEFFAMINE OR JEFFAMINES)

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=> s l1 and l2

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L3        3 L1 AND L2

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=> display

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ENTER (L3), L# OR ?:l3
ENTER ANSWER NUMBER OR RANGE (1):3
ENTER DISPLAY FORMAT (BIB):bib

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L3  ANSWER 3 OF 3  CAPLUS  COPYRIGHT 2004 ACS on STN
AN  1997:562998  CAPLUS
DN  127:225304
TI  Bioresponsive pharmacologically-active polymers and articles made
    therefrom
IN  Santerre, J. Paul; Mittelman, Marc W.
PA  Santerre, J. Paul, Can.; Mittelman, Marc W.
SO  PCT Int. Appl., 53 pp.
    CODEN: PIXXD2
DT  Patent
LA  English
FAN.CNT 1

```

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9729778	A2	19970821	WO 1997-CA89	19970210
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	AU 9715389	A1	19970902	AU 1997-15389	19970210
	AU 705101	B2	19990513		
	EP 874643	A2	19981104	EP 1997-901504	19970210
	EP 874643	B1	20011121		
	R:	DE, ES, FR, GB, IT, NL			

JP 2000505434 T2 20000509 JP 1997-528842 19970210
 PRAI US 1996-11699P P 19960215
 US 1996-14391P P 19960328
 WO 1997-CA89 W 19970210

=> d 13 1-3

L3 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2004:20351 CAPLUS
 DN 140:77942
 TI Preparation of polymeric aryl sulfonamides as pigment dispersants and wetting agents
 IN Bowles, Timothy; Rooney, Robert Lambie; Coles, Clifford John; Rowatt, Brian
 PA UK
 SO U.S. Pat. Appl. Publ., 3 pp.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004006156	A1	20040108	US 2001-46424	20011025
PRAI	US 2001-46424		20011025		

L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1998:392112 CAPLUS
 DN 129:77555
 TI Viscous electrophoresis polymer medium and method for use in DNA sequencing
 IN Menchen, Steven Michael; Winnik, Mitchell A.; Johnson, Ben F.
 PA Perkin-Elmer Corp, USA
 SO U.S., 41 pp., Cont.-in-part of U. S. 5,468,365.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5759369	A	19980602	US 1995-410615	19950324
	US 5290418	A	19940301	US 1992-950863	19920924
	US 5468365	A	19951121	US 1993-125623	19930922
PRAI	US 1992-950863	A2	19920924		
	US 1993-125623	A2	19930922		

RE.CNT 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1997:562998 CAPLUS
 DN 127:225304
 TI Bioresponsive pharmacologically-active polymers and articles made therefrom
 IN Santerre, J. Paul; Mittelman, Marc W.
 PA Santerre, J. Paul, Can.; Mittelman, Marc W.
 SO PCT Int. Appl., 53 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9729778	A2	19970821	WO 1997-CA89	19970210

W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC,

	LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT,
	RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN,
	YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW:	KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR,
	IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML,
	MR, NE, SN, TD, TG
AU 9715389	A1 19970902 AU 1997-15389 19970210
AU 705101	B2 19990513
EP 874643	A2 19981104 EP 1997-901504 19970210
EP 874643	B1 20011121
	R: DE, ES, FR, GB, IT, NL
JP 2000505434	T2 20000509 JP 1997-528842 19970210
PRAI US 1996-11699P	P 19960215
US 1996-14391P	P 19960328
WO 1997-CA89	W 19970210

=> s(polyether (amine or diamine)) or (polymeric amine)
S(POLYETHER IS NOT A RECOGNIZED COMMAND
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"HELP COMMANDS" at an arrow prompt (=>).

=> s polyether (amine or diamine)
MISSING OPERATOR 'POLYETHER (AMINE'
The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.

=> s polyether (w) (amine or diamine)
67354 POLYETHER
50144 POLYETHERS
76239 POLYETHER
(POLYETHER OR POLYETHERS)
244089 AMINE
233051 AMINES
375309 AMINE
(AMINE OR AMINES)
39585 DIAMINE
24821 DIAMINES
55058 DIAMINE
(DIAMINE OR DIAMINES)
L4 355 POLYETHER (W) (AMINE OR DIAMINE)

=> s l1 and l4
L5 0 L1 AND L4

=> s polymer (w) (amine or diamine)
945991 POLYMER
792409 POLYMERS
1287032 POLYMER
(POLYMER OR POLYMERS)
244089 AMINE
233051 AMINES
375309 AMINE
(AMINE OR AMINES)
39585 DIAMINE
24821 DIAMINES
55058 DIAMINE
(DIAMINE OR DIAMINES)
L6 592 POLYMER (W) (AMINE OR DIAMINE)

=> s l1 and l6
L7 1 L1 AND L6

=> d l7

L7 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1984:139710 CAPLUS
DN 100:139710
TI Processable heat-resistant polymers. XVI. Polyamideimidesulfonamides
AU Ray, A.; Bhattacharya, V. K.; Rao, Y. V.; Maiti, Sukumar
CS Polym. Div., Indian Inst. Technol., Kharagpur, 721302, India
SO European Polymer Journal (1983), 19(12), 1195-9
CODEN: EUPJAG; ISSN: 0014-3057
DT Journal
LA English

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

23.78

23.99

STN INTERNATIONAL LOGOFF AT 08:56:39 ON 23 APR 2004